

PESTICIDES ABSTRACTS AND NEWS SUMMARY

SECTION A - INSECTICIDES

AUTHOR'S INDEX

1955

Vol. 1 Nos. 1-4

A

Alessandrini, M. E., 164.
American Standards Association, 6.
Anderson, H. 25.
Apt, A. G. 72
Archibald, H. M. 151.
Association of British Insecticide
Manufacturers, 42.
Associated Fumigators Ltd., 103.
Australia, Scientific and Industrial
Research Organisation, 140.

B

Balogun, I. A. 151.
Barlow, F. 54, 59
Baywood Chemicals Ltd. 9.
Bordas, E. 161.
Box, H. E. 12.
Boyce Thompson Institute, 9.
British Agricultural Contractors'
Association, 42.
British Commonwealth Scientific
Office (North America), 51.
British Guiana, Mosquito Control
Service, 155.
Brown, A. W. A. 165.
Bruce-Chwatt, J. L. 145, 151.
Burns Brown, W. 13.
Byass, J. B. 53.

C

Canada, Department of Agriculture,
140.
Colonial Insecticide Research Unit,
Porton, 138.
Commonwealth Institute of
Entomology, 4, 12.
Communicable Disease Centre,
Georgia, 132.
Courshee, R. J. 53.
Coutts, H. H. 83.
Cyprus, Department of Agriculture,
105.

D

Daynes, F. K. 53.
Dennis, N. M. 129.
Dürr, H. J. R. 20.
Du Toit, R. 84.

E

East African Agricultural
Specialist Entomological and
Insecticide Committee, 1, 35, 43.
Edson, J. F. B. 120.
Elliott, R. 151.
Empire Cotton Growing Corporation,
46, 137.

F

Fiedler, O. G. H. 84.
 Fitz-John, R. A. 151.
 Food and Drug Administration,
 U.S.A. 10, 39, 49, 105.

G

Gertler, S. I. 125, 126.
 Giang, P. A. 12.

H

Hadaway, A. B. 54, 59, 68, 71.
 Hall, L. B. 104.
 Harris, W. V. 18.
 Hocking, K. S. 107.

I

International Congress of
 Entomology, Canada, 101.

J

Jepson, W. F. 12.

K

Kluge, E. B. 84.
 Knipe, F. W. 104.

L

Landreth, J. 29, 30.
 Langbridge, D. M. 118.

M

Maltha, Ing. P. 21.

N

National Association of Corn and
 Agricultural Merchants, 42.
 National Farmers Union, 42.
 Navarro, L. 161.
 Nicol, J. 53.
 Nixon, G. E. J. 12.

P

Pampana, E. J. 16.
 Parr, H. C. M. 15.

R

Reid, J. A. 120.
 Robinson, J. 76, 90

S

Sherman, M. 23.
 Society of Chemical Industry, 42.
 Swisher, E. M. 123.

T

Tamashiro, M. 23.
 Taylor, D. J. 53.
 Tietz, H. 24.
 Trickett, E. S. 53
 Trinidad, Health Department,
 Malaria Division, 157.

U

- United Kingdom Government, 52.
- United States Department of
Agriculture, 10.
- U.S.D.A. Administrator of Agricultural Research, 11.
- U.S.D.A. Entomology Research
Branch, 134, 172.
- U.S.D.A. Section Investigating
Insects Affecting Man and
Animals, 130.

W

- Wharton, R. H. 120.
- Whellan, J. A. 14.
- Whitney, W. K. 129.
- Wilson, T. 120.
- Wood, G. W. 92, 177.
- World Health Organisation, 49, 102.

Y

- Yeo, D. 83.
- Yeomans, A. H. 127.
- Yerington, A. P. 125, 126

PESTICIDES ABSTRACTS AND NEWS SUMMARY

SECTION A - INSECTICIDES

SUBJECT INDEX

1955

Vol.1 Nos. 1-4

A

Acacia xanthoploea, 108.
Anthoscelides obtectus (Say), 125.
Crylic resins, 93.
Aedes aegypti L. 54-66, 134, 156,
158-9, 160, 170-1.
Aedes taeniorhynchus, 169.
Aedes sollicitans, 169.
Aedes nigromaculis (Ludl.), 175.
Aerosols, gas, particle size det.,
127-8.
African army worm, 14.
Agricultural Insecticide Research
in East Africa, 43.
Agriculture (Poisonous Substances)
Regulations, 52-53.
Acaricide cotton dust, 48.
Acaricide 2, 76-81.
Acaricide 7, 78.
Aircraft, applications, 112.
Aldrin, 14, 24, 39, 56, 78-81, 111,
112, 113, 141.
Alessandrini method, 118.
Allethrin, 9.
Allopren B, 60.
American Pesticide Tolerances, 10.
American Standards Association
Committee on Common Names, 6.
Anopheles albimanus, 163.
A. albitarsis, 156-7.
A. aquasalis, 156-7.
A. bellator, 158.
A. crucians, 175.
A. coustani, 148-9.

A. darlingi, 156.
A. funestus, 146-7, 148, 152-3, 154.
A. gambiae, 110, 146-7, 148, 152-3,
154, 161.
A. (Kertessia), 155.
A. maculatus, 121, 122.
A. maculipennis, 17.
A. moucheti, 148-9.
A. neomaculipalpus, 157.
A. nili, 159.
A. pharoensis, 146, 148-9.
A. quadrimaculatus, 8, 136, 163, 174-5.
A. rufipes, 146-7, 148.
A. squamosus, 148.
A. sacharovi, 17.
A. superpictus, 17.
A. wellcomei, 149.
Anthores leuconotus, 111.
Ants, control of, 135, 144.
Aphids, 10, 24.
Argentine ants, 144.
Armyworm, 125-6.
Aroclor 5460, 134, 143.
Arsenic, 19.
Atomisers, hand, 36.

B

Bayer L13/59, 133, 135, 174-5.
Bean weevil, 125.
Beckosol 1320, 60, 61.
Beckosol 2911, 60, 61.
Bedacryl 122X, 60.
Bed bugs, 135.

Bell Type 47G (Helicopter, 138.
 Bellows, hand dusters, 35.
 Beetles, coffee borer, 111.
 BHC, 14, 20, 21, 39, 48, 50, 76-81,
 84, 103, 105, 109, 111, 115, 121,
 130, 141, 142, 143, 146-7, 150,
 151, 153, 154.
 Bibliographies, systemic
 insecticides (review), 12.
 Bilharzia snail vectors, 49.
 Biological specimens, preservation,
 92-94.
Biomphalaria, 49.
 Birds, grain eating, 112.
 Biting flies, control of, in Uganda,
 15.
 Blowers, rotary dust, 35.
 Body lice, 134.
 Bollweevil, 10, 11.
 Bollworms, Pink, 11.
 Boomjet nozzles, 33.
 Boom sprayers, 38.
Boophilus microplus, 142.
 British Guiana, Mosquito Control
 Service, 155-6.
 British Standards Institution, 6.
Brocchinia micrantha, 155.
 B.S. 1831, 6.
 Bucket, stirrup pumps, 37.
 Bulletins, technical, 53.
Bulinus, 49
 Butyl stearate, 60.

C

Calcium arsenate, 39, 50.
 Calcium cyanide, 10, 11.
 Canadian Entomology Congress,
 101-102.
 Candidate fumigants, 129-30.
 1-carbomethoxy-1-propen-2-yl
 dimethyl ester of phosphoric
 acid, 136, 174-5.
 Carbon disulphide, 19.
 Cattle dipping vats, 142-3.
 Cattle tick, 142.

Ceratitis capitata Wied., 106
 Cereal pests, 3.
 Cerechlor 1, 60
 C.460, 60
 Chafer grubs, 111.
 Chlordane, 14, 24, 39, 50, 78-81,
 111, 135-6, 161-4.
 Chloro bis (p-chlorophenyl) methane,
 134.
 Chlorthion, 5, 7, 8, 9, 105.
Chrysops distinctipennis, 15.
 Citrus mealy bug, 106.
 Citrus red mite, 8, 125.
Cnephia pecuarum, 176
 Cockroaches,
 American, 135.
 German, 135,
 Coffee pests, 3, 111.
 Coleoptera: Cerambycidae, 20.
 "Colibri-Favior", 29, 30, 31, 32.
 Colonial Insecticide Unit, Arusha,
 107-118.
 Common Names, American Committee, 6.
 Compatibilities table, 211.
 Confused flour beetle, 129.
 Copper naphthalene, 21.
 Cotton insects, 8, 10.
 Coumachlor, 103.
 Coumarone resin - insecticide
 solutions, 71-72, 143.
 Cryocide, 106.
 Cryolite, 106.
Culex quinquefasciatus, 8.
Culex fatigans, 156.
C. tarsalis, 8.
 Culex sp. 148-9.
Culicoides canithorax Hoff., 172
 Cyclothrin, 9.
Cylas formicarius elegantulus (Summ.)
 23.
 Cyprus, Plant Protection Studies,
 105-106.

D

Dacus oleae (Gmel), 105.
Damalinea ovis, 140, 141.
 Design of field experiments, 1.
 Diazinon, 103, 105, 106, 175.
 DD mixture, 19.
 DDT, 7, 14, 20, 21, 24, 39, 47, 50,
 56, 76-81, 103, 105, 106, 107,
 111, 114, 118, 119, 120, 121,
 130-31, 134, 135, 136, 141, 142,
 143, 144, 146-7, 150, 155-6,
 158-9, 160, 161-4, 164-5.
 DDVP, 132-33, 134, 173-4.
 DFDT, 175.
 4,4'-dichloro- --methylbenzhydrol,
 134.
 Dicyclohexyl amine salt of dinitro-
 -o-hexylphenol, 39.
 Dieldrin, 14, 24, 39, 56, 68-70, 71,
 82, 83, 105, 109, 111, 113, 114,
 115, 120, 135, 141, 142, 143, 144,
 146-7, 150, 161-4.
 Dieldrin and Gilsonite mixtures,
 68-70.
 Diethyl diphenyl dichloroethane,
 123-4.
 Diethyl thionophosphoric ester, 24.
 Diethyltoluamide, 172.
 Dilan, 144, 168-9.
 Dimethyl phthalate, 172.
 Dinitro-o-cresol, 10.
 Dinitro-o-sec-butylphenol, 10.
 Di n-octyl phthalate, 60.
 Dispersible powders, for dips, 132.
 DMC, 134.
 DNC, 20.
Dolycoris baccarum. L., 105.
 Dry-wood termites, 18.
 Dusting equipment, 2, 35, 26.

E

East African Agric.Ent.Insect.Cttee.,
 1, 35.
 EPN, 39, 50, 136, 156, 175.
 E-874, 12.

Empire Cotton Growing Corporation,
 137.
 Emulsifiers, 188-202.
 Emulsion
 stability, 181-82
 dips, 130-32.
 Endrin, 14, 24, 47, 111, 112.
 Entomological - 6th Commonwealth
 Conference, 4.
 Entomology Research, U.S.D.A., 134-5.
 Epilachna sp., 111.
 Equipment for applying insecticides,
 2, 104.
 2-ethyl-1, 3-hexanediol, 134, 172.
 European house-borer, 20.
Euscepes postfasciatus (Fairm.),
 23, 34.
 Experimental Malaria Control, 151.

F

"Favori-Colibri", 29, 30, 33.
 Ferbam, 40, 51.
 Field experiments, design of, 1.
 Filariasis, 156.
 Firebrats, 135.
 Fleas, control of, 135, 174.
 Fluoracetanilide, 103-104.
 Fluoracetate insecticide, 103-104.
 Flour beetle, confused, 129.
 Flour, treatment of, 22, 23.
 Fluorine compounds, 40, 51.
 Flow-band applicator, positive, 25,
 26, 27, 28.
 Fly control, 8.
 Formulation, 177-210.
 Fosferno 20, 47.
 Fumigation, 13, 14, 19, 20, 129-30.

G

Gamma BHC, 21, 22, 23, 56, 58-59,
 142, 143.
 Gammexane P520, 151.

Gas-aerosols, particle size det.,
127-8.
Gas-proof sheets, 13.
Gilsonite, 68-70.
Glossina pallidipes, 84-85.
G.brevipalpis, 84-85.
G.morsitans, 107, 110.
G.swynnertoni, 107.
G.palpalis fuscipes Newst., 107-110.
G.austeni, 110.
Glyoxalidine, 2-heptadecyl, 40.
Grain, 13, 21, 129-30.
Cramineous crops, 12.
Granular insecticides,
applicator for, 25, 26, 27, 28.
properties of, 83-84.
Grape berry moth, 105.

H

Haematopoda, 15.
Halotydeus destructor, 143.
Hand atomisers, 36.
Hand bellows dusters, 35.
Hand piston dusters, 36.
Hand syringe sprayers, 36.
Head strike (in rams), 142.
Helicopters, 138.
Heliothis, 2, 47.
Heptachlor, 50.
Heptadecyl glyoxalidine 2, 40.
Hiller Type 360 (Helicopter), 138.
Hippoboscidae, 15.
House-flies, 133, 134, 173-4.
House-flies, resistant, 165-171.
Hydraulic knapsack sprayers, 37.
Hydrocyanic acid, 10, 11.
Hylotrupes bajulus (L.), 20.

I

Industrial pamphlets
British, 95-97.
American, 98-99.
Swish, 99.

Insecticidal machinery, 35, 104.
Insecticidal resins, investigations,
54-68, 109.
Insecticide-coumarone solutions,
71-72.
Insecticides
equipment for applying 2, 3, 104.
for dipping vats, 130-32.
new, 6, 103-4, 123-4, 125-27,
132-33.
residual action, 16.
International Congress, Entomology,
101-2.
Iridomyrmex humilis, 144.
Isodrin, 24, 112.

K

K.62, 6.
Knapsack sprayers, 29, 30, 31, 32,
33, 37, 112.

L

L-11-6, 10.
Ladybirds, 111.
Large milkweed bug, 125-6.
Larvae in wood, control of, 20.
Larvicides, mosquito, 136.
Lead arsenate, 40, 47, 51.
Lepidopterous stalk borers, 12.
Lice, 134, 173.
Lindacide, 137.
Lindane, 21-23, 24, 72-75, 105, 143,
161-4, 176.
Linognathus stenopsis, 141.
Linognathus ovillus, 141.
Livestock dipping vats, insecticides
for, 130-32.
Lucerne flea, 143.
Lucilia cuprina, 141, 142.
Lygus, 2, 46-47.

M

1-2020, 172.
 1400, 60.
 160, 134.
Macrosiphum pisi Harris, 125.
Macrotermes bellicosus, 111.
 Malaria control, 16-18, 110, 118,
 120, 122.
 Malaria control, experimental, 151.
 Malaria control, Project, Annual
 Report, 145.
 Malaria Division Trinidad, 157-160.
 Malathion, 14, 103, 112, 141, 143,
 174-5.
 Malaya, malaria control, 120-122.
 Mammalian toxicology (Chlorthion),
 8.
 Mansonia larvae, 136.
 Marco Kit, 92-94.
 Media, synthetic for rearing
 bollworms and weevils, 11.
 Mercapto-methyl dithiophosphates,
 10.
 Mercury compounds, 10.
Metatetranychus citri (McG.), 125.
 Methoxychlor, 40, 51.
 Methyl bromide, fumigation with,
 13, 14, 20.
 Methyl methacrylate, 93.
 Methylal 40/50, 69-70.
 Micron sprayer, 112.
 Microsol, 112.
 Milk
 Chlorthion residues in, 8.
 Perthane residues in, 124.
 Mite, citrus red, 8.
 Mites, spider, 10.
 Miticides, new chemicals as, 125-127.
 Mobile laboratory, 143.
 Mosquito Control Service, British
 Guiana, Annual Report, 155-6.
 Mosquitoes, 109, 165-171.
 larvicides, 136, 174-5.
 resistant, 165-171.
Musca
 musca lusoria Weid. 107.
 domestica, 133, 165-171.

N

Naphthalene acetic acid, 40.
 Naphthenate
 copper, 20, 21.
 zinc, 21.
 National Crop Protection Conference,
 42-43.
Nezara viridula, 47.
 Nicotine, 10, 51.
 Nigeria, Annual Report, Malaria
 Control Project, 145.
 N,N-diethyl toluamide, 134.
 Nomenclature, Pest control products, 6.
 N-substituted formamides, 125-127.

O

Olive fly, 105.
Oncopeltus fasciatus (Dall), 125-6.
 1082, 103-104.
 12008, 10.
 O,O-diethyl S-ethyl mercaptomethyl
 dithiophosphate, 10.
 O,O-diethyl S-isopropyl mercaptomethyl
 dithiophosphate, 10.
 O,O-dimethyl O-3-chloro-4-nitro
 phenyl-thiophosphate, 6-9.
 O,O-dimethyl 2,2-dichloro-vinyl
 phosphate, 132-33.
 O,O-dimethyl 2,2,2-trichloro-1-
 hydroxyethyl phosphate, 133.
Oryzaephilus surinamensis (L.), 72.

P

P32, 24.
 P520, 151.
 PCC/I Technical Committee, 6.
 Paludrine see proguanil
 Pamphlets, industrial
 American 98-99,
 British 95-97.
 Swiss 99.

Parathion, 14, 24, 40, 51, 90-91,
103, 105, 106, 112, 117, 133,
137, 144, 175.
Particle size, det. in gas
aerorols, 127-8.
Pea aphid, 125.
Pentachlorophenol, 19, 20, 21.
Persistence of insecticides, 76-81,
90-91, 113, 117, 118-119.
Perthane, 123.
Pest Control Chemicals, 6.
Pesticide Tolerances, U.S.
Regulations, 10.
Petroleum oils, 11.
Phenol esters, of butyric acid,
126-7.
Phenothiazine, 40.
Phloeotribus scarabaeoides,
Bern., 106.
Phosphorus, organo, insecticides,
6-9, 10, 24, 103, 132-33.
Phyllocoptruta oleivorus, Ashmead,
106.
Physical properties, granular
insecticide, 83.
Pink bollworms, 11.
Piper Super-Cub, 85-89.
Piperonyl butoxide, 72-75, 106.
Planorbidae, 49.
Plasmodium falciparum, 16, 157.
P. vivax, 16, 157.
P. malariae, 16, 157.
Plastics, use of, for preserva-
tion, 92-94.
Pneumatic knapsack sprayers, 37.
Polychrosis botrana, Schiff., 105.
Positive-flow band applicator, 25-28.
Potassium dichromate, 20.
Power charging knapsack sprayers,
29-30.
Pressure regulation knapsack sprayers,
30-33.
Proguanil, 121.
Pyrethrum, 11, 72-75, 106.
Psorergates ovis, 141.
Psylortox, 137.
n-Propyl isome, 72-75.

Pseudaletia unipuncta (Haw.), 125
Pseudococcus citri, Risso, 106.

R

Red-legged earth mite, 144.
Regulations, U.S. Pesticide, 10, 11,
105.
Repellency (of DDT etc.), 161-4.
Repellents, 134, 172.
Reports,
6th Commonwealth Entomological
Conference, 4.
Empire Cotton Growing Corporation,
46, 137.
Colonial Insecticide Research Unit
Arusha, 107.
Western Sokoto Pilot Project, 118.
Rural Malaria Control in Malaya,
120-22.
Australia, 6th Annual Report, 140.
Malaria Control, Western Sokoto, 145.
Mosquito Control, British Guiana, 155.
Malaria Division, Trinidad, 157.
Resistant houseflies, mosquitoes,
165-171.
Rhothane, see TDE.
Rice weevil, 129.
Roaches, control of, 135.
Rotary dust blowers, 35.
Rotenone, 11.
Ryania, 11, 72-75.

S

S-55, 140.
Sabadilla, 11.
Sand flies, 172.
Schradan, 136.
Schistosoma, 49.
Sheep blowfly, 141.
Sheep body louse, 140, 141.
Shell OS-2046, 136, 174-5.
Shelled corn, protection from insect
attack, 72-75.

Strophilus oryzae (L.), 129
Sixth Commonwealth
Entomological Conference,
4.
Stenothorus viridis, 143
Sodium arsenate, 20.
Sodium fluoride, 20.
Sprayers.
knapsack, 29-33.
hand syringe, 36.
hydraulic knapsack, 37.
pneumatic knapsack, 37.
tractor mounted boom, 38.
specifications, pesticides,
102-103.
Silk borers, lepidopterous,
12.
Standards,
American Committee K.62
British Committee PCC/1, 6.
Sink bug, 105.
Stomoxys spp., 15.
Strategy in malaria control,
changing, 16.
Tresol 9255, 60, 61.
Tephrosin, 72-75.
Tephrosin, 120.
Tensactants, 177-210.
Tribolium congenerum, 176.
Tribolium, 176.
Tribolium, 176.
Tribolium, 176.
Tribolium, 176.
Tribolium, 112.
Tribolium, 112.
Tribolium, 23.
Tribolium, 10, 12, 24.
Tribolium, 24, 136.

T

Tribolium, 15.
Tribolium, 211.
Tribolium, 40.
Tribolium, 41, 123, 175.

Teepol, 120.
Technical bulletins, 53.
TEPP, 10.
Termites, 18-20, 111.
Tetranychus bimaculatus (Harvey), 125.
Texilac 190, 60, 61.
Thyridanthrax brevifacies, 87.
TIFA, 112.
Tolerances, U.S. Regulations, 10,
49-51, 105.
Toxaphene, 14, 24, 41, 48, 82, 130-1,
137.
Tractor-mounted boom sprayers, 38.
Tribolium castaneum, 54-67, 69.
T. confusum Duv., 129
Tri-cresyl phosphate, 60.
Tropical graminaceous crops, 12.
Tsetse flies, 107.
Two-spotted spider mite, 125-6.

U

Uganda, control of biting flies, 15.
Urea-formaldehyde resins and
insecticides, 54-68, 109.
U.S. Chemical Biological Centre,
51, 52.
U.S.D.A. Entomology Research, 134-5.

V

Vapour toxicity (of lindane etc.)
161-4.
"Vromousa", 105.

W

Wall deposits, 115, 116, 164-5.
Warfarin, 103.
Western Sokoto Pilot Project,
118-120.

Westland Aircraft, 139.
Wetting agents, 203-210.
Wolman salt, 20.
World Health Organization,
16-18, 102-103.
Wresinol 6, 60, 61.

Z

Zinc naphthenate 21.
Zinc sulphate, 20.
Zineb, 41.
Ziram, 41.